

# Converting Colors

Hex(6DA66E)

Have a look what the booklet for  
Hex(6DA66E) contains.

<b>Hex(6DA66E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6DA66E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA66E
RGB	109, 166, 110
RGB Percent	43%, 65%, 43%
CMY	0.5725, 0.3490, 0.5686
CMYK	0.34, 0.00, 0.34, 0.35
HSL	121°, 24%, 54%
HSV	121°, 34%, 65%
XYZ	22.7574, 31.6494, 19.6614
YIQ	142.5730, -15.9960, -29.5000

# Conversions

## Conversions Part 2

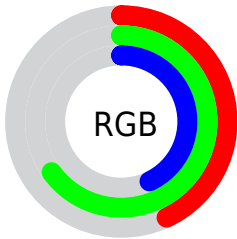
Format	Color
<a href="#">RYB</a>	<a href="#">109, 165, 166</a>
Decimal	<a href="#">7186030</a>
CIELab	<a href="#">63.05, -30.26, 23.25</a>
CIElCh	<a href="#">63, 38.165, 142.464</a>
Yxy	<a href="#">31.6494, 0.3072, 0.4273</a>
Android (android.graphics.Color)	<a href="#">4285376110</a> ( <a href="#">0xFF6DA66E</a> )
YUV	<a href="#">142.5730, -16.0585, -29.4435</a>
Hunter-Lab	<a href="#">56.2578, -26.2446, 18.6594</a>

# Details

The Hex color **6DA66E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A66DA5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A2DDA2**, and **3A723E** is the 20% darker color. If you saturate the color by 10%, you get **5CA65E**, and if you desaturate by 10%, it is **7EA67E**.

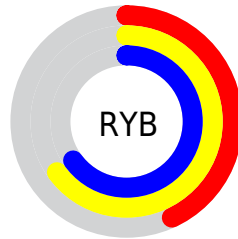
# Distribution



Red (43%)

Green (65%)

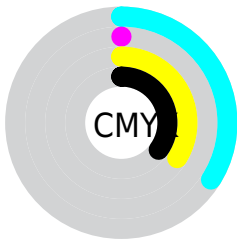
Blue (43%)



Red (43%)

Yellow (65%)

Blue (65%)

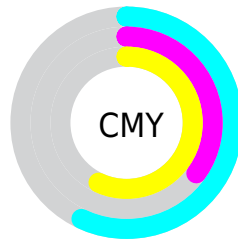


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA66E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6DA66E by changing the saturation by 10% instead.



 6DA66E

 6DA66E

FFFFFF

 538B55

 A2DDA2

 3A723E

 BEFABD

 205927

 DAFFD9

 014111

 F7FFF6

 002A00

 001300

 000000

 6DA66E

 6DA66E

 5CA65E

 7EA67E

 4CA64D

 8EA68F

 3BA63D

 9FA69F

 2BA62D

 AFA6AF

 1AA61C

 C0A6C0

 09A60C

 D1A6D0

 00A603

 E1A6E0

 F2A6F0

 FFA6FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



959E58



6DA66E



3CAA8F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6DA66E



549FDB



DA7F80

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6DA66E



A66DA5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D47EA3



6DA66E



8F93D7

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6DA66E



00A7CD



BB87C2



CF8864

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6DA66E



00ABA6



BB87C2



DA7E8C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6DA66E



C3D9C3



A5A66D



606E61



EDEDED



6E6E6E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6DA66E



80D981



6DA68A



4C544C



009403



001400



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A66DA5



D980D7



A66D89



544C54



940091



140014



# Previews

## White Background



This preview shows how the Hex color 6DA66E looks on a white background.

## Color Contrast Check

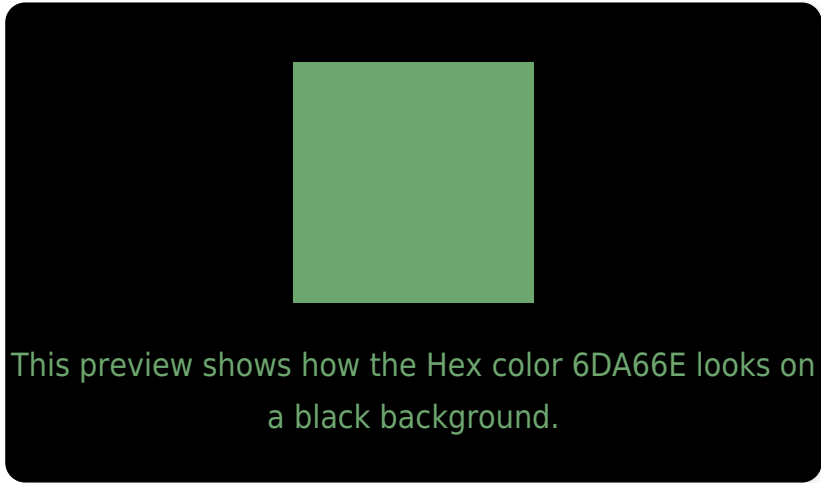
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

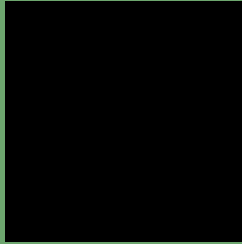
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DA66E Background



This preview shows how black text looks on a background with the Hex color 6DA66E.



This preview shows how white text looks on a background with the Hex color 6DA66E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

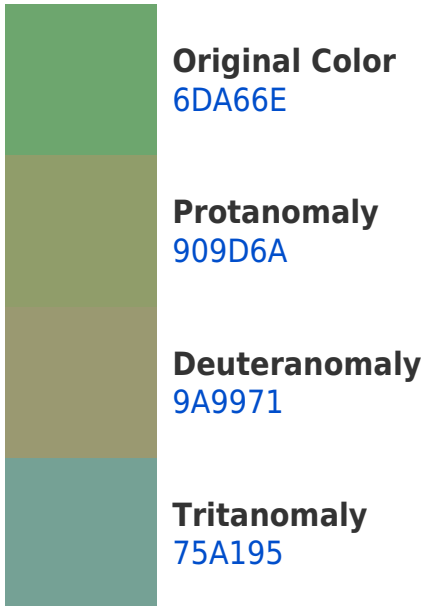
## Dichromacy



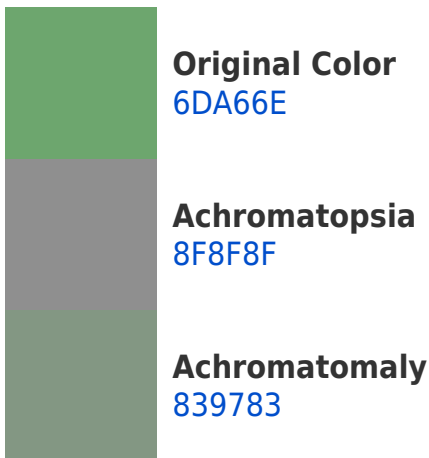


**Tritanopia**  
799EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA66E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6DA66E looks like.

```
.text, #text, p{  
    color:#6DA66E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6DA66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA66E
}
```

## Border

The CSS property to change the border of an element to Hex 6DA66E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6DA66E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6DA66E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6DA66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA66E; -webkit-box-shadow:4px 4px  
4px 4px #6DA66E; box-shadow:4px 4px 4px  
4px #6DA66E }
```

# Background

The CSS property to change the background color of an element to Hex 6DA66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA66E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6DA66E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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